



City of Austin - JOB DESCRIPTION



Airport Electrician

FLSA:	Standard/Non-Exempt	EEO Category:	(70) Skill Craft
Class Code:	10365	Salary Grade:	XB0
Approved:		Last Revised:	January 16, 2009

Purpose:

Under general supervision, lead and perform tasks in repair, installation, maintenance, and testing of electrical equipment and circuits.

Duties, Functions and Responsibilities:

Essential duties and functions, pursuant to the Americans with Disabilities Act, may include the following. Other related duties may be assigned.

- 1.Pull wire, conduit, cable, etc.;
- 2.Connect power cables to equipment, i.e. generators, alarm systems, lighting systems, etc.;
- 3.Use various electrician hand tools, i.e. snips, screwdrivers, pliers, wire cutters, etc.;
- 4.Operate soldering tools.
- 5.Read profiles and blueprints.
- 6.Measure, cut, and bend wire and conduit using rulers and hand tools.
- 7.Install wire, conduit, coaxial cable, etc. Install conductors.
- 8.Splice electrical wiring, i.e. strip insulation, twist wires together, solder, tape, apply terminal caps, etc.
- 9.Operate various power saws, i.e. radial arm, skill, etc. Operate drills, buffers, grinders, sanders, etc. Operate electronic testing equipment. Operate cable finding equipment and equipment testers.
- 10.Assist other trades with electrical problems.

Responsibilities - Supervisor and/or Leadership Exercised:

Conduct on-the-job training; Assign duties and monitor task completion.

Knowledge, Skills, and Abilities:

Must possess required knowledge, skills, abilities and experience and be able to explain and demonstrate, with or without reasonable accommodations, that the essential functions of the job can be performed.

Knowledge of basic electricity.

Knowledge of safety rules and procedures when working with energized electrical equipment.

Knowledge of building codes applicable to level of construction.

Knowledge of equipment tools and materials used in electrical maintenance and construction.

Skill in the use of hand tools common to the electrical trade.

Ability to read and interpret blueprints, drawings and schematics

Minimum Qualifications:

High School graduation or GED, plus three (3) years experience in repair, testing, maintenance or installation of electrical systems or equipment, one of which was in the Aviation Industry.

One additional year of relevant work experience may substitute for one year of the required education, with a maximum substitution of four (4) years.

Licenses and Certifications Required:

Appropriate licensing is required.

This description is intended to indicate the kinds of tasks and levels of work difficulty required of the position given this title and shall not be construed as declaring what the specific duties and responsibilities of any particular position shall be. It is not intended to limit or in any way modify the right of management to assign, direct and control the work of employees under supervision. The listing of duties and responsibilities shall not be held to exclude other duties not mentioned that are of similar kind or level of difficulty.